

Serial No.: 09/934,738

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

- 1 (previously presented). In a communication server, a method of responding to a client application, the method comprising the steps of:
- receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;
 - creating at the server the dynamic protocol object;
 - sending the dynamic protocol object to the client application;
 - retrieving the static protocol object from a cache disposed in an operating system kernel; and
 - sending the static protocol object to the client application.
- 2 (previously presented). The method of claim 1 wherein the cache disposed within the operating system kernel is a protocol object cache.
- 3 (previously presented). The method of claim 1 wherein the application protocol request and the reply are formatted according to a hypertext transfer protocol (HTTP).
- 4 (previously presented). The method of claim 2 wherein the application protocol request and the reply are formatted according to a hypertext transfer protocol (HTTP).
- 5 (currently amended). A computer program product comprising a computer-readable medium having computer program code embodied therein, the computer program code for enabling a server to respond to a client application, the computer program code comprising:

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instructions for receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

instructions for creating at the server the dynamic protocol object;

instructions for sending the dynamic protocol object to the client application;

instructions for retrieving the static protocol object from a cache disposed in an operating system kernel; and

instructions for sending the static protocol object to the client application.

6 (previously presented). The computer program product of claim 5 wherein the cache disposed within the operating system kernel can be a protocol object cache.

7 (previously presented). The computer program product of claim 5 operable to format the application protocol request and the reply according to a hypertext transfer protocol (HTTP).

8 (previously presented). The computer program product of claim 6 operable to format the application protocol request and the reply according to a hypertext transfer protocol (HTTP).

9 (previously presented). Apparatus for responding to a client application, the apparatus comprising:

a cache disposed in an operating system kernel;

means for receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

means for creating at a server the dynamic protocol object;

means for sending the dynamic protocol object to the client application;

means for retrieving a static protocol object from the cache through an operable connection to the cache; and

means for sending the static protocol object to the client application.

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10 (previously presented). The apparatus of claim 9 wherein the cache can be a protocol object cache.

11 (previously presented). An instruction execution system operable as a communication protocol server, operable to respond to a client application by performing the steps of:

receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

creating at the server the dynamic protocol object;

sending the dynamic protocol object to the client application;

retrieving the static protocol object from a cache disposed in an operating system kernel; and

sending the static protocol object to the client application.

12 (previously presented). The instruction execution system of claim 11 further operable as a hypertext transfer protocol (HTTP) server.

13 (previously presented). The instruction execution system of claim 11 wherein the cache can be a protocol object cache.

14 (previously presented). The instruction execution system of claim 12 wherein the cache can be a protocol object cache.